Purchasing Receipts

PO No S	Supplier	Item No	Rel No	Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	То
O039109 Ti	HY001- C	1	1	Net 30	R2.008	Bronze C63000 Round Bar 2.000: MAT'L AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463				1	3/5/2018	1		S048984 E	Stock	3/8/2018	\$ 200.78 / ft	0		\$2

Plex 3/8/2018 8:31 AM Dart. Dubois Pascal



Dart Aerospace Ltd. 1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada

PURCHASE ORDER PO039109

Tel (613) 632-5200

Supplier: THY001-VC

Ship To:

Thyssenkrupp Materials CA Ltd O/A VPK Metal- c/o T27540 PO Box 4275, Postal"A"

Toronto ON

M5W 5V8 Canada Phone: 905 669 9444 Fax: 905 738 9033

1270 Aberdeen Street

Hawkesbury

K6A 1K7 Canada Phone: 613-632-5200

ON

PO No:

PO039109

PO Date: Due Date:

2/23/18 3/5/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact:

Lavoie, ChantalPhone:

clavoie@dartaero.com

Via:

Ground

Pymt Terms:

Net 30

Freight Terms:

Special Comments: quote no. 1203015268

Items

Line Item	Part	Supplier Part No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	MT- BRONZE- C63000- R2.000		Bronze C63000 Round Bar 2,000 : MAT'L AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463	Firmed	3/5/18	1 ft	97	1 ft	\$200.78/ft R 0 8 2018	
	MT- BRONZE- C63000- R2.500	lenght	Bronze C63000 Round Bar 2.500" : MAT'L AS PER BRONZE C63000 AS PER ANS 4640 OR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463	Firmed	3/5/18	1 ft	0 ft	1 ft	\$263.89/ft	\$263.89
								G	rand Total:	\$464.67

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/23/18 2:13 PM dart.lavoie.chantal



QUOTE

DART AEROSPACE LTD 1270 ABERDEEN ST

HAWKESBURY ON K6A 1K7

Canada

TEL: 613-632-5200 FAX: 613-632-5246 DATE: QUOTE NO:

QUOTE NO: YOUR INQUIRY:

ATTENTION TO:

TEL:

CUSTOMER NO: DEPARTMENT:

CONTACT:

TEL: FAX: EMAIL: 02/23/2018 **1203015268**

CHANTAL

613-632-5200 10058125

CAN TOR INS 01 Stan Ivers

905-532-1350 ext 21350 905-738-9033 ext 9033

STAN.IVERS@THYSSENKRU

PP.COM

PAGE 1 OF 2

Thank you for allowing us to quote on your requirement. Delivery contingent upon date ordered.

Delivery Address

DART AEROSPACE LTD, 1270 ABERDEEN ST, HAWKESBURY, ON K6A 1K7, CANADA Unloading Point: UNLOAD POINT 1

ITEM	DESCRIPTION	QTY2	UOM UOM UOM		CUR	TOTAL
0010	CURD00416 Aluminum Bronze C63000 HR50 (drawn & stress relieved) Round 2.0000 (+004) X 12 " RBW Cutting - Standard +.125 Cut To Length 12.0000 " 1 ASTM B 150/B 150M 2012 ROHS COMPLIANT SAE AMS 4640 H Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 02/28/2018		PC	200.78 1	CAD PC	200.78
	Energy Surcharge Item total:					25.00
0020	CURD00449 Aluminum Bronze C63000 HR50 (drawn & stress relieved) Round 2.5000 (+005) X 12 " RBW Cutting - Standard 12 Cut To Length 12.0000 " 1 ASTM B 150/B 150M 2012 ROHS COMPLIANT SAE AMS 4640 H Actual Chemistry/Act. Physical Standard Packaging Delivery Date: 03/02/2018	1 16.130	PC LB	263.89 1	CAD PC	263.89

Weight total Items total

26.450 LB



QUOTE

thyssenkrupp Materials NA, 2821 Langstaff Road, Concord, ON, L4K 5C6

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON K6A 1K7 Canada

DATE:

02/23/2018 QUOTE NO: 1203015268

YOUR INQUIRY:

ATTENTION TO:

CHANTAL

TEL:

613-632-5200

PAGE 2 OF 2

Net Amount

GST

489.67 63.66

TOTAL

553.33

Payment Terms:

Within 30 days without deduction

Delivery Terms:

PPD (gem. Incoterms 2000) PREPAID

Shipping Condition:

General Delivery

COMPUTER GENERATED OFFER AND VALID WITHOUT SIGNATURE.

Please review the above items for accuracy.
Prices are quoted as price in effect at time of shipment.
Our standard terms and conditions apply should this quote become an order.

For terms and conditions please refer to website at http://www.tkmna.com/tkmna/Resources/CustomerService/index.html

Any obvious damage must be noted on the material delivery documentation at the time of receipt.

Tax exemption status documentation must be forwarded to credit department prior to order approval.

All returned material subject to restock charge

Chantal Lavoie

From:

Anthony Burmeta <anthony@dipmetals.com>

Sent:

Friday, February 23, 2018 10:38 AM

To:

Chantal Lavoie

Subject:

Re: quote

Chantal,

We are pleased to offer the following:

Bronze round bar 630 2" x 12" 1 piece

Price: \$495.00 Lot Charge

Bronze round bar 630 2.5" x 12" 1 Piece

Price: \$495.00 Lot Charge

Can do both pieces for \$895 Lot Charge

Ships within 1 week ARO FOB Deer Park NY 11729 All material subject to prior sale & availability

Kindest Regards, Anthony

Sent from my iPhone

On Feb 23, 2018, at 9:52 AM, Chantal Lavoie < clavoie@dartaero.com > wrote:

Good morning Anthony,
Please advise price and delivery on mat'l.

Bronze round bar 630 spec's 2" x 12" Bronze round bar 630 spec's 2.5" x 12"

Thanks Chantal

Chantal Lavoie

Purchasing Coordinator

DART AEROSPACE
T 1 613 632-5200
F 1 613 632-1053
E clavoie@dartaero.com
1 800 556-4166
www.dartaerospace.com
<image002.jpg>

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This e-mail message has been scanned by SEG Cloud

Bid

20/02/2018

26136

METAUX SOLUTIONS INC.

2625 BOUL JACQUES CARTIER EST

LONGUEUIL, QUEBEC

J4N 1L7

Tel.: 450 641-3330

Sales Rep.

: JEROME PRIMEAU

Reference

: CHANTAL Expiration Date : 21/05/2018

Customer: 6323336

DART AEROSPACE LTD 1270, ABERDEEN STREET HAWKESBURY, ONTARIO

K6A 1K7

Ship To:

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Price	Total	Tx
	SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N				
SR212174	17-4 PH STAIN ROU 2.500" DIA L COND. H900	6	173.95	1 043.70	Α
	1 X 72"				
SR38174	17-4PH ROU .375 DIA COND. H900	12	19.95	239.40	Α
	2 X 72"				
	10/12 DAYS				
RR2	BRONZE ROU 2.000 DIA 660	1	165.00	165.00	Α
	1 X 12 CLOSEST				
BRR212	BRONZE ROU \$ 500 DIA 660	1	260.00	260.00	Α
	1 X 12"				
	STOCK				

	Subtotal	1 708.10
A) Regist :	HST ;	222.05

Total: 1 930.15

Chantal Lavoie

From: Smalley, Donna <donna.smalley@twmetals.com>

Sent: Friday, February 23, 2018 10:54 AM

To: Chantal Lavoie Subject: RE: quote

Sorry we do not carry bronze

Donna Smalley Inside Account Manager TW Metals-Rochester, NY Phone 585-768-5600 Fax 585-768-5601 Direct 585-768-5604 800-203-8000 www.twmetals.com

From: Chantal Lavoie [mailto:clavoie@dartaero.com]

Sent: Friday, February 23, 2018 10:45 AM

To: Smalley, Donna <donna.smalley@twmetals.com>

Subject: quote

Good morning Donna,
Please advise price and delivery on mat'l.

Bronze round bar 630 spec's 2" x 12" Bronze round bar 630 spec's 2.5" x 12"

Thanks Chantal

Chantal Lavoie

Purchasing Coordinator

DART AEROSPACE
T 1 613 632-5200
F 1 613 632-1053
E <u>clavoie@dartaero.com</u>
1 800 556- 4166
www.dartaerospace.com



The information contained in this e-mail, including attachments, is the property of TW Metals, Inc. and may be confidential. The information is intended for use solely by the individual or entity named in the message. If you are not the intended recipient or you received this in error, please notify the sender immediately by reply e-mail and delete this e-mail from your system. Other than to effect the foregoing, any review, printing, copying,



ORDER CONFIRMATION

thyssenkrupp Materials NA 2821 Langstaff Road, Concord, ON L4K 5C6

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON K6A 1K7 Canada

TEL: 613-632-5200 FAX: 613-632-5246

DATE: 02/23/2018
ORDER NO: 1403541295 *
YOUR P/O: 039109 dtd. 02/23/2018

ATTENTION TO: CHANTAL TEL: 613-632-5200

CUSTOMER NO: 10058125
DEPARTMENT: CAN TOR INS 01
CONTACT: Stan Ivers

CONTACT: TEL: FAX: EMAIL:

905-532-1350 ext -21350 905-738-9033 ext 9033 STAN.IVERS@THYSSENKRU PP.COM

* please state on all documents

We thank you for your order which we confirm as follows:

Delivery Address

DART AEROSPACE LTD, 1270 ABERDEEN ST, HAWKESBURY, ON K6A 1K7, CANADA Unloading Point: UNLOAD POINT 1

ITEM	DESCRIPTION	QTY1 QTY2 QTY3	UOM	PRICI PEI	CUR R UOP	TOTAL CAD
0010	CURD00416 Aluminum Bronze C63000 HR50 (drawn & stress relieved) Round 2.0000 (+004) X 12 " RBW Cutting - Standard +.125 Cut To Length 12.0000 " 1 ASTM B 150/B 150M 2012 ROHS COMPLIANT SAE AMS 4640 H Actual Chemistry/Act. Physical Standard Packaging Order Number: 039109 Delivery Date: 02/28/2018		PC	200.78 1	CAD PC	200.78
	Energy Surcharge Item total:					25.00 225.78
0020	CURD00449 Aluminum Bronze C63000 HR50 (drawn & stress relieved) Round 2.5000 (+005) X 12 " RBW Cutting - Standard 12 Cut To Length 12.0000 " 1 ASTM B 150/B 150M 2012 ROHS COMPLIANT SAE AMS 4640 H Actual Chemistry/Act. Physical Standard Packaging Order Number: 039109 Delivery Date: 03/01/2018	1 16.130	PC LB	263.89 1	CAD PC	263.89



ORDER CONFIRMATION

thyssenkrupp Materials NA. 2821 Langstaff Road, Concord, ON, L4K 5C6

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON K6A 1K7 Canada DATE: ORDER NO:

YOUR P/O: ATTENTION TO:

TEL:

02/23/2018 1403541295 *

039109 dtd. 02/23/2018 CHANTAL

613-632-5200 * please state on all documents

PAGE 2 OF 2

Weight total

Items total

Net Amount

GST TOTAL 26.450 LB

489.67

489.67 63.66

553.33

Payment Terms:

Within 30 days without deduction

Delivery Terms:

PPD (gem. Incoterms 2000) PREPAID

Shipping Condition:

General Delivery

Please review the above items for accuracy.
Prices are quoted as price in effect at time of shipment.
Our standard terms and conditions apply should this quote become an order.

For terms and conditions please refer to websile at http://www.tkmna.com/tkmna/Resources/CustomerService/index.html

Any obvious damage must be noted on the material delivery documentation at the time of receipt.

Tax exemption status documentation must be forwarded to credit department prior to order approval.

All returned material subject to restock charge

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: Mt-	Bro MAR (9 <u>72</u>) 8 2	1018 PO / BATCH NO: 039109 5048984
MATERIAL CERT REC'D: QUANTITY RECEIVED: QUANTITY INSPECTED: QUANTITY REJECTED:	ye o	5	THICKNESS ORDERED: 2.000 THICKNESS RECEIVED: 2.000 SHEET SIZE ORDERED: V/A SHEET SIZE RECEIVED: V/A
DESCRIPTION	(CI	CR neck (N)	COMMENTS
SURFACE DAMAGE	Y	N	
CORRECT FINISH	(Y)	N	
CORROSION	Y	N	
CORRECT GRAIN DIRECTION	(Y)	M	
CORRECT MATERIAL PER M-DRAWING	Y	N	AMS 4640H
CORRECT THICKNESS	(Y)	N	
PHOTO REQUIRED	Y	(A)	
CORRECT REF # TO LINK CERT	(1)	N	Hest # 1+2737
CORRECT MATERIAL IDENTFICATION	(V)	N	

CUT SAMPLE PIECE OF		ND PREFOR		SS CHECK.	
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	WEBSTER
SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING					

N

YN

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	SIGNED OFF BY:
DATE: 9-80MAR 0 8 2018	DATE:

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

CORRECT M# ON THE MATERIAL

DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF

DOES THIS REQUIRE AN EXTRUSION REPORT

SCALE: NTS SHEET 1 OF 1 APPROVED BRONZE C63000 ROUND BAR MT-BRONZE-C63000-R ВУ DATE AMS 4640 PR ASME SB150 OR ASTM B150 OR SAE J461 OR SAE J463 ECN # 1/4" ROUND BRONZE C63000 = MT-BRONZE-C63000-R-0.250 DESCRIPTION **NEW ISSUE** WHERE D.DDD IS DIAMETER IN INCHES m SPECIFICATION CONTROL DRAWING MT-BRONZE-C63000-R-[D.DDD] REV. BRONZE C63000 PURCHASE MATERIAL: SPECIFICATION: PART NUMBER: **EXAMPLE:** < O ۵

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thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON K6A 1K7

DATE:

02/28/2018

DOC. NO:

2405782829*

BOL. NO:

2405782829

ORDER NO:

1403541295

YOUR P/O: CUSTOMER NO: 039109

10058125

Route:

303-A

CONTACT:

Stan Ivers

TEL: FAX: 905-532-1350 ext 21350 905-738-9033 ext 9033

EMAIL:

STAN.IVERS@THYSSENKRUP

P.COM

** PLEASE SHIP DIRECT USE PUOLATOR PP MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
REFERENCED ON IT **

PLEASE SHIP DIRECT USE PUOLATOR PP

Deliveries are carried out for your account and risk acc, to our Gen. Terms & Cond. of Delivery and Payment.

ITEM DESCRIPTION 0010 CURD00416 NET QTY1 / QTY2 PACKAGE NO 1 PC

10 lb

1008334547

Aluminum Bronze C63000 HR50 (drawn & stress relieved) Round

2.0000 (+-.004) X 12 " RBW Cutting - Standard +.125

Cut To Length 12.0000 " 1

Actual Chemistry/Act. Physical/

Standard Packaging

TAGNUM

UOM VEND QTY

VENDPO

HLOT

PCS

1013568829 1

PC BOLTON AE 5400373215

H2737

SAE AMS 4640 H; ROHS COMPLIANT; ASTM B 150/B 150M 2012

Total Gross Weight

10.000 lb

All items, not declared as partial delivery, are final quantities. Delivery Terms: PPD gem. Incoterms 2000 Prepaid PREPAID



thyssenkrupp Materials NA,2821 Langstaff Road, Concord, ON L4K 5C6

DELIVERY NOTE

DART AEROSPACE LTD 1270 ABERDEEN ST HAWKESBURY ON K6A 1K7 DATE: 02/28/2018

DOC. NO: 2405782829*

BOL. NO: 2405782829

ORDER NO: 1403541295

YOUR P/O: 039109

CUSTOMER NO: 10058125

Route: 303-A
CONTACT: Stan Ivers

TEL: 905-532-1350 ext 21350

FAX: 905-738-9033 ext 9033

EMAIL: STAN.IVERS@THYSSENKRUP

P.COM

CERTIFICAT DE CONFORMITÉ/CERTIFICATE OF COMPLIANCE

*thyssenkrupp Matériaux NA certifie que le matériel décrit ci-dessus est conforme aux dessins ou spécifications exigés sur le bon de commande et qui sont en vigueur à la date ou la commande a été acceptée./ thyssenkrupp Materials NA certifies that the material described above is in accordance with the drawings or specifications called for on said order that are current on the date order was accepted.

*Nous certifions que le document reproduit ici est une copie conforme du rapport fourni par le fournisseur du matériel où les données résultent de l'analyse faite par un laboratoire qualifié/ We certify that the document reproduced here is true to the report provided by the equipment supplier where the data are the result of analysis by a qualified laboratory.

David Noordine - Director of Quality Assurance

ISO 9001 2008 AS 9100 Rev. C LRQ. 0902066

BOLTON METALS LIMITED

TEST CERTIFICATE

EN 10204:2004 3.1



CUSTOMER

THYSSENKRUPP MATERIAUX NA (VIM)	TEST CERTIFICATE No	L35954 Rev: 0
4700 BOIS FRANC ST LAURENT	SERIAL / BATCH / LOT No	L35954
	CUSTOMER ORDER No	VIM-641733
QUEBEC	WORKS ORDER No	S41972
H4S 1A7		

SPECIFICATIONS

DESCRIPTION

ASTM B150-12(2017) C63000 HR50 (HIGH STRENGTH)

CANADA

AMS 4640H 2011 HR50

QQ-C-465B AMD1 C63000 HIGH STRENGTH

CA18 2IN Round 144IN Machined Rod (MR) Nickel Aluminium Bronze

WEIGHT ORDERED (Kg) 1,473
WEIGHT DESPATCHED (Kg) 857

MECHANICAL / PHYSICAL PROPERTIES

Tensile Specification	Heat No	Dia d	Area So	0.5% Yield Strength E.U.L	U.T.S. Rm	Elongation 4D	Hardness
ASTM E8 16a		mm	mm2	Ksi	Ksi	%	HBW10/3000
	H2737	10.01	78.70	63.2	111.8	24.3	229
		12.51	122.91	65.6	111.8	25.0	229
	P1838	12.49	122.52	62.8	112.4	26.3	229
		12.48	122.33	62.8	112.5	25.9	229
	Min			60.0	110.0	10	201
	Max			n/a	n/a	n/a	248

CHEMICAL COMPOSITION

CHEMICA	IL COI	11103	LITON								
Heat No	Zn	Fe	Mn	Al	Ni	Sn	Pb	Si	Cu+Ag	Ni+Co	Weight (Kg)
H2737	0.09	3.75	0.31	9.94	4.74	0.02	<0.01	0.06	BAL	4.75	626
P1838	0.07	3.79	0.34	9.80	4.80	0.02	<0.01	0.06	BAL	4.80	231
Total	-	2.00	-	9.00	4.00	-	-	-	-	4.00	
Max	0.30	4.00	1.50	11.00	5.50	0.20	0.50	0.25	BAL	5.50	

REMARKS

Residual stress test satisfactory Extruded Drawn and stress relieved Country of Melt and Manufacture is UK No Weld Repairs We certify that material is free from mercury contamination

Signed for on behalf of BOLTON METALS LIMITED

Inspection Manager: S.Sutton

Signed: 18 Dec 2017

Printed: 18 Dec 2017

BOLTON METALS LIMITED

CERT OF CONFORMITY

AND/OR APPROVED CERTIFICATE



CUSTOMER

THYSSENKRUPP MATERIAUX NA (VIM) 4700 BOIS FRANC ST LAURENT QUEBEC H4S 1A7 CANADA	TEST CERTIFICATE No	L35954 Rev: 0
	SERIAL / BATCH / LOT No	L35954
	CUSTOMER ORDER No	VIM-641733
	WORKS ORDER No	541972
	CERT OF CONFORMITY	L35954

SPECIFICATIONS

DESCRIPTION

ASTM B150-12(2017) C63000 HR50 (HIGH STRENGTH) AMS 4640H 2011 HR50 QQ-C-465B AMD1 C63000 HIGH STRENGTH	CA18 2IN Round 144IN Machined Rod (MR) Nickel Aluminium Bronze	
The state of the s	WEIGHT ORDERED (Kg)	1,473
	WEIGHT DESPATCHED (Kg)	857

REMARKS / CONDITION OF MATERIAL:

DEVIATIONS, e.g. Major Concessions or Production Permit:

The products to which this declaration relates conform to the conditions and requirements of the purchaser and to the description, quantity and specification stated. These products have been produced under a certified quality system. The test results have been determined by an assessed or accredited laboratory

ISO 9001 2008, AS 9100 Rev.C LRQ. 0902066 Signed for on behalf of BOLTON METALS LIMITED

Inspection Manager : S.Sutton

Signed: 18 Dec 2017

Printed: 18 Dec 2017

Document ID : 0AADA18DE5AB1EE886970304C8F74466

Archiving date : Friday, February 23, 2018

.Archiving time : 11:39:19 AM